

ABSTRACT

A system for passing cables between a body and door of a motor vehicle. The system includes a flexible sheath containing electrical cables, ends of the sheath being connected to an edge wall of the door and a fixed wall of the body respectively. The flexible sheath includes an axially-extensible part having one end fixed to the body and another end connected to the edge wall of the door at the edge of a cable passage hole disposed in the edge wall, such that the extensible part lengthens when the door is opened. Moreover, the cables include a free length inside the door such that they can slide in the sheath to absorb variations in the length of the sheath as the door pivots. The sheath extends beyond the end of the axially-deformable part fixed to the body, by a flexibly-deformable part with an end connected to the body at the cable passage in the wall of the body. The cables include a free length inside the door such that they can slide into the sheath and absorb variations in the length of the sheath as the door pivots.